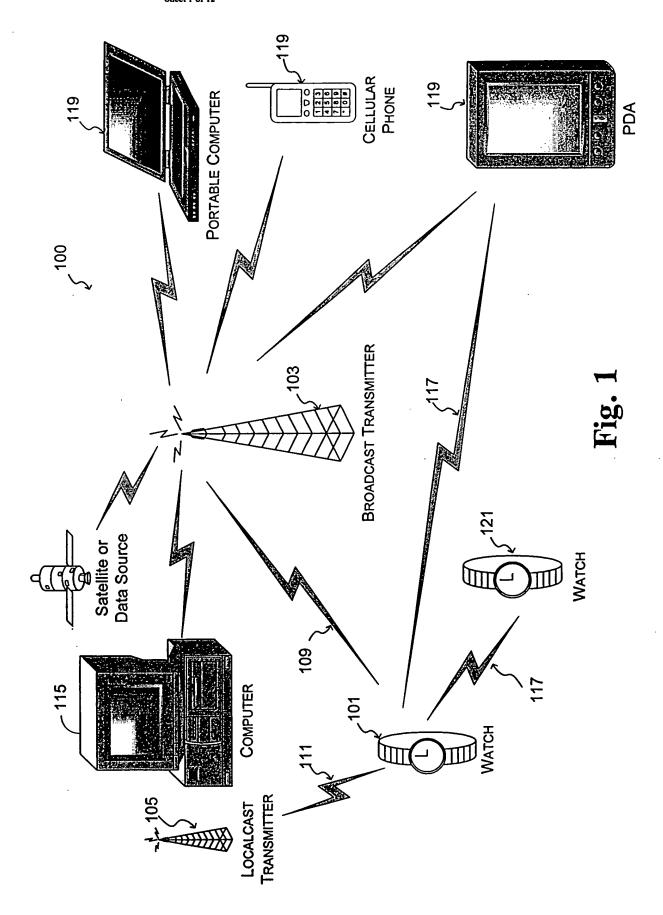
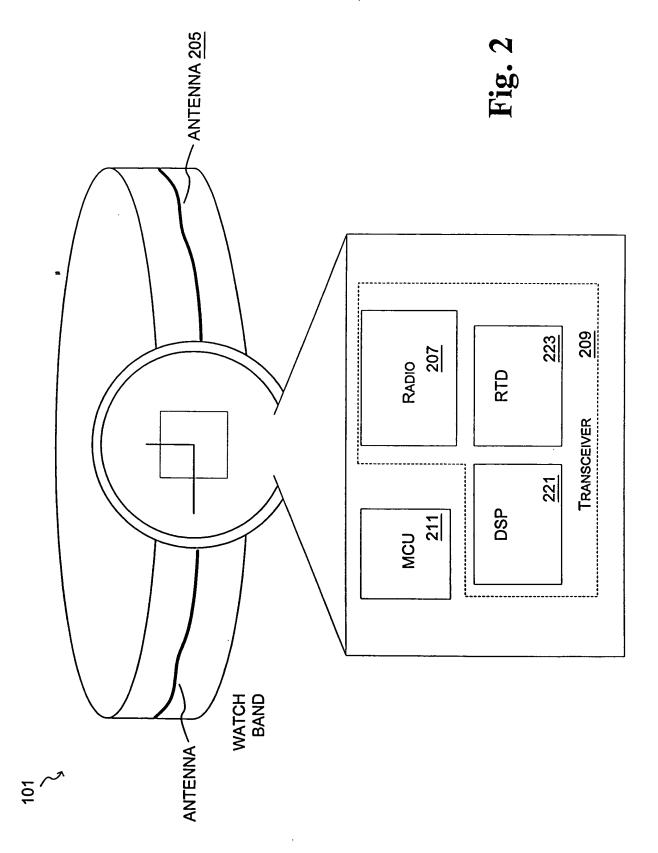
Inventor: Karr, et al.
Docket No · <037.65USU1/177809.2
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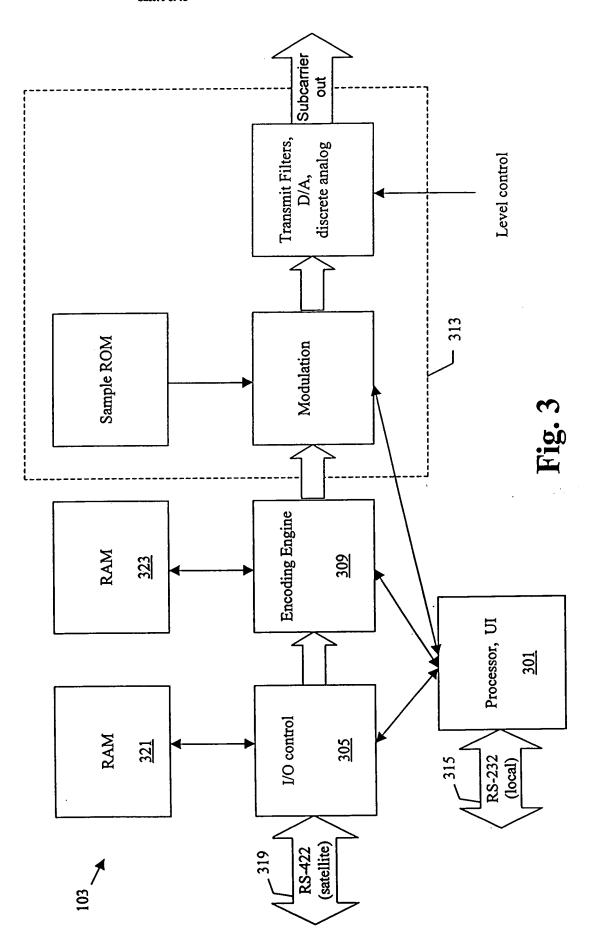


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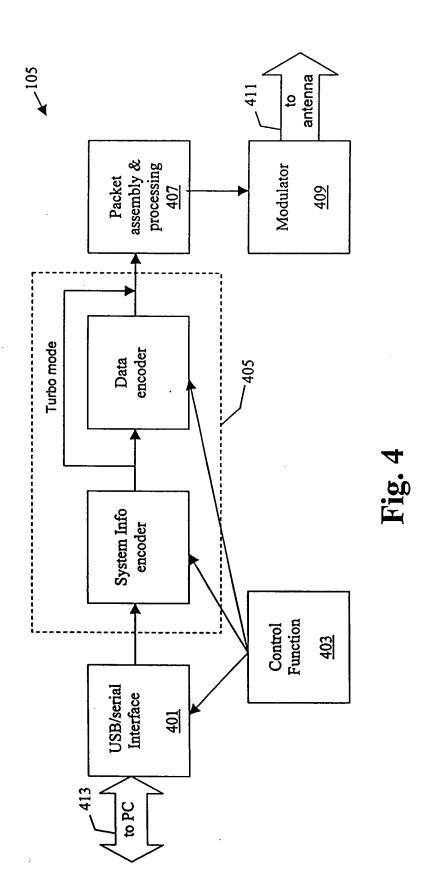
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Inventor: Kart, et al.
Docket No. 237.65USU1/177809.2
Title: SYS AND APPARATUS FOR PERFORMING BROADCAST AND COMMUNICATIONS

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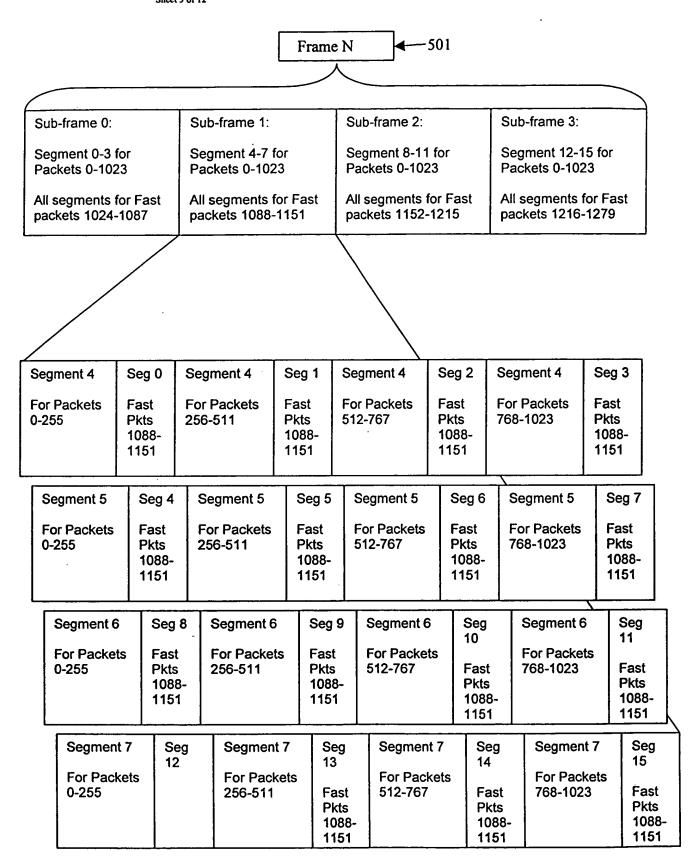


Fig. 5

MODIFIED HDLC FRAME FORMAT

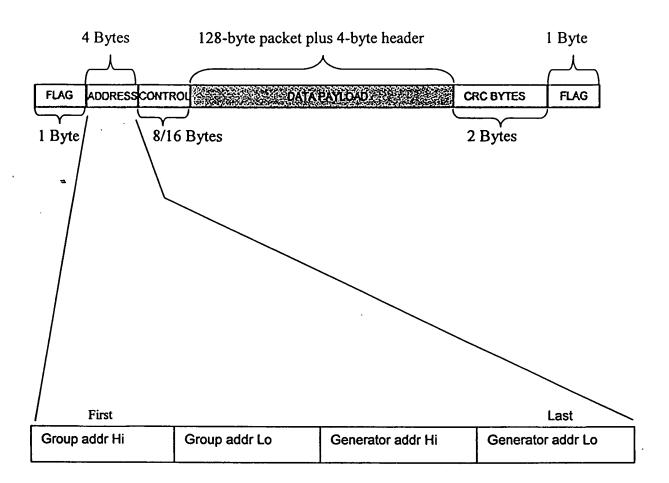


Fig. 6

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Title: SYS. AND APPARATUS FOR PERFORMING BROADCAST AND COMMUNICATIONS
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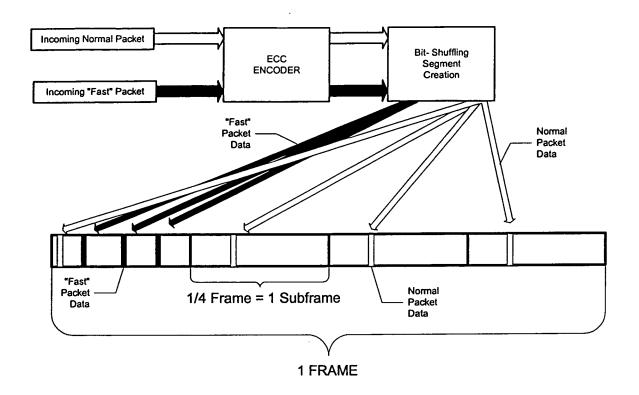


Fig. 7

Inventor: Karr, et al.
Docket No.: square. square<

(6 bits unencoded) encoded) (64 bits encoded)	(64 bits encoded)

3 symbols

1 symbol

64 symbols

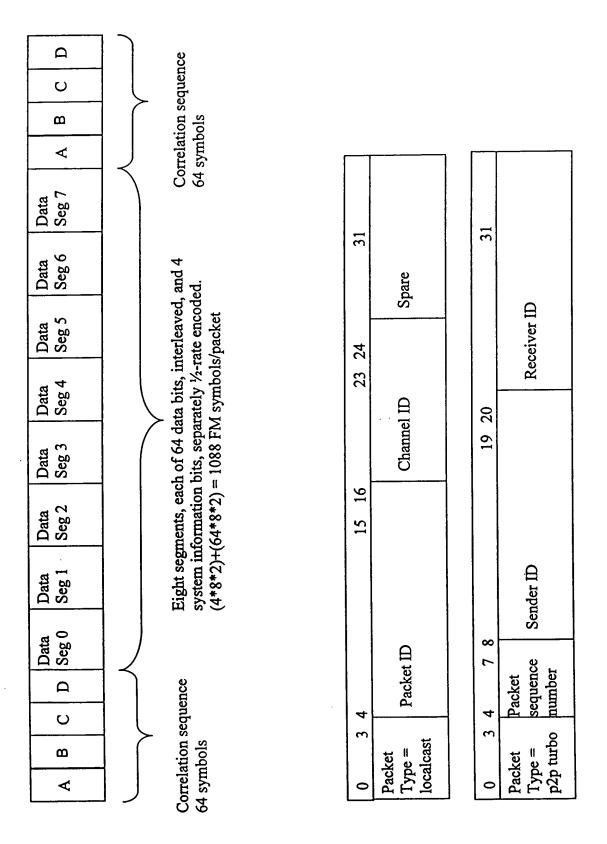
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Fig. 8

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Docket No.: f '.65USU1/177809.2
Title: SYSTE JD APPARATUS FOR PERFORMING BROADCAST AND LA
COMMUNICATIONS
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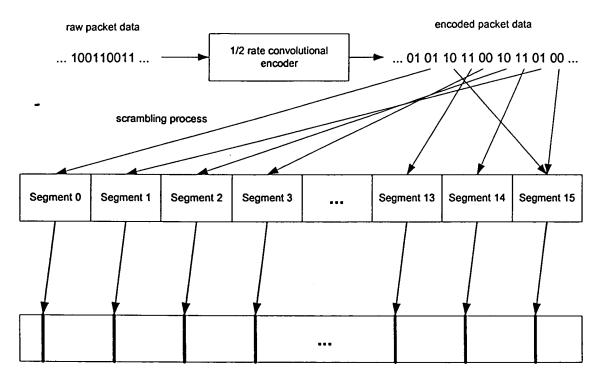


Inventor: Karr, et al.

Docker : 50037.65USU1/177809.2

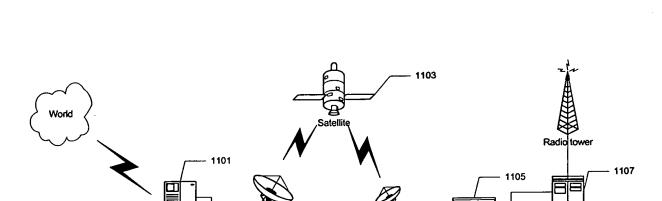
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segment placement in output frame

Fig. 10



Satellite dish

SCA Generator

Station Transmitter

Fig. 11

Satellite dish

Data Center

Docket No.: 50037.65USU1/177809.2 Title: ' 'STEM AND APPARATUS FOR PERFORMING BROADCAST A' 'D LOCALCAST **ICATIONS** Sheet 12 of 12 Receive packets from j: data center Ν Less than 2 sec Continue to Accumulate data remain? Data into I/O Block Storage Read Packets from I/O Block Storage in Hashed Order 1209 Packet Marked Packet "null"; use substitute pattern for missing packet Complete? Whitening Pattern Rate 1/2 convolutional encoding streams into seperate segments Fig. 12

